

A Standards-Based Approach

Structured, standards-driven approaches to technology and enterprise data management provide the foundation for community-wide sharing that also protects privacy, civil rights, and civil liberties. Without a common lexicon—a lingua franca that all participants can understand—meaningful information exchange is impossible. Moreover, such standards need to be closely tied to and driven by the end-to-end mission processes they support so that the standards enable, rather than hinder, the information exchanges that the mission process demands.

The ISE leverages a number of Federal Government standards initiatives. Click on the links below to learn more:

- The [Common Information Sharing Standards](#) ^[1] is the standards program of the ISE which provides standards, or rules, for technology implementation and information sharing processes and products.
- [The National Information Exchange Model](#) ^[2] is a federal, state, local, and tribal interagency initiative providing a foundation for seamless information exchange. The NIEM development process is the basis for CISS functional standards. It is designed to develop, disseminate, and support enterprise-wide information exchanges, standards, and processes that can enable organizations in broad communities of interest to effectively share critical information.
- [Universal Core](#) ^[3] is a federal information sharing initiative that enables information sharing by defining an implementable specification, known as an XML schema, containing agreed-upon representations for the most commonly shared and universally understood concepts of who, what, when, and where in the context of national security.

The PM-ISE and Office of Management and Budget (OMB) have initiated a strategic process for institutionalizing NIEM and UCORE across the ISE.

The Power of Standards

A series of government-wide “success stories” were developed to describe the value of NIEM and UCORE in increasing information sharing to benefit mission processes. These stories are designed to help promote the adoption of enterprise data management through approaches such as the NIEM development process for cross-governmental information sharing environments. They provide insight for non-technical decision-makers about how both these standards approaches can be applied to real-world mission challenges in different user environments. Click on the links below to view the Success Stories:

- [Health IT Success Story](#) ^[4]
- [SAR Success Story](#) ^[5]
- [Domestic Nuclear Detection Office Success Story](#) ^[6]
- [UCORE Success Story](#) ^[7]

- [1] <http://www.ise.gov/common-information-sharing-standards>
- [2] <http://www.ise.gov/national-information-exchange-model-niem>
- [3] <http://www.ise.gov/universal-core-ucore>
- [4] http://www.ise.gov/sites/default/files/HHS_Success_Story_20100421.pdf
- [5] http://www.ise.gov/sites/default/files/SAR_Success_Story_20100421.pdf
- [6] http://www.ise.gov/sites/default/files/DNDO_Success_Story_20100421.pdf
- [7] http://www.ise.gov/sites/default/files/UCORE_NIEM_Success_Story_20100421.pdf